

What is claimed is:

1           1. A method of transmitting a packet received at a Packet Data Service  
2 Node/Foreign Agent where the packet has a source IP address of a mobile station that  
3 points to a geographically remote Home Agent and a destination IP address comprising  
4 the steps of:  
5       caching IP addresses in memory comparing the destination IP address of the received  
6 packet with the IP addresses in memory, and if no match is found, query the Policy  
7 Server for a match;  
8       forwarding the received packet with the IP address of the Packet Data  
9 Service/Node Foreign Agent as the source IP address when the destination address of the  
10 received packet matches the IP address in memory or Policy server.

1           2. The method of claim 1 further comprising the step of forwarding the received  
2 packet with the source IP address of the mobile station when the destination address of  
3 the received packet does not match the IP address in memory or Policy server.

1           3. The method of claim 1 wherein a tunnel is established between the Packet Data  
2 Service Node/Foreign Agent and the Home Agent when the mobile station initiates a call  
3 further comprising the step of not forwarding the packet back along the tunnel when the  
4 destination address of the received packet matches the IP address in memory or Policy  
5 server.

1           4. The method of claim 3 further comprising the step of taking down the tunnel  
2 when the destination IP address of the received packet matches the IP address in memory.

1           5. The method of claim 4 wherein the Packet Data Service Node/Foreign Agent  
2 takes down the tunnel.

1           6. A method of transmitting a packet received at a Packet Data Service  
2 Node/Foreign Agent where the packet has a source IP address of a mobile station that

points to a geographically remote Home Agent and a destination IP address comprising the steps of:

        caching in memory Universal Resource Locator (URL) names,

        comparing the URL name of the received packet with the URL names in memory,

and if no match is found, query the Policy Server;

        forwarding the received packet with the IP address of the Packet Data Service

Node/Foreign Agent as the source IP address when the URL name of the received packet

matches the URL name in memory or Policy Server.

7. The method of claim 6 further comprising the step of forwarding the received packet with the IP address of the mobile station when the URL name of the received packet does not match the URL name in memory or Policy Server.

8. The method of claim 6 wherein a tunnel is established between the Packet Data Service Node/Foreign Agent and the Home Agent when the mobile station initiates a call further comprising the step of not forwarding the packet back along the tunnel when the URL name of the received packet matches the URL name in memory or Policy server.

9. The method of claim 8 further comprising the step of taking down the tunnel when the destination URL name of the received packet matches the URL name in memory or Policy server.

10. The method of claim 9 wherein the Packet Data Service/Node Foreign Agent takes down the tunnel.